

## LiquidityBook's FIX Connectivity Clients

ABG Sundal Collier ASA	Canaccord Genuity LTD
ABSA Africa	Cantor Fitzgerald & Co.
Allen & Company LLC	CAPIS
Alliance Bernstein	Capital One Securities, Inc.
Alliance Global Partners	Carnegie Investment Bank
Alpine Partners VI, LLC	CCZ Statton Equities Pty Ltd
Altacorp Capital	Celadon Financial Group, LLC
AMBIT	CF Global Trading
Americas Execution, LLC	China International Capital Corporation
APEX Fintech Solutions	China Renaissance Securities Inc
Arctic Securities	Churchill Capital Ltd
ATB Capital Markets	CIBC Capital Markets Canada
Auerbach Grayson and Company	Citadel Securities LLC
Avalon Capital Partners Limited	Citigroup Global Markets, Inc.
Avior Capital Markets (Pty) Limited	Clarksons Platou Securities, Inc.
B. Riley & Co.	Clear Street LLC
Baader Bank AG	Clearpool Group
Bank of America	CLSA Americas
Barclays Capital, Inc.	CLSA Limited
Barrenjoey Markets Pty Limited	Colliers
Bay Crest Partners	Compass Point Research & Trading LLC
Bell Potter Securities Ltd	Cornerstone Macro, LLC
Benchmark Company	Cowen and Company, LLC
Berenberg, Gossler & Co. KG	Cowen Prime Services
BIDS Trading	CQG
BMO Capital Markets Corp.	Craig-Hallum Capital Group
BNP Paribas	Craigs Investment Partners Limited
BNY ConvergeX Execution Solutions, LLC	Crestline Management, L.P.
BOK Financial Securities, Inc	Cuttone & Co.
Broad Street Capital Markets LLC	D.A. Davidson & Co.
BTIG	Daiwa Capital Markets
Bumped Financial LLC	Dalzell Trading
Canaccord Adams	Dash Financial Technologies

DAVY  
Desjardins Securities Inc.  
Deutsche Bank Securities, Inc.  
DNB Bank ASA  
E&P Financial Group Limited  
EBX LLC  
EDF Man Capital Markets Ltd  
Elevation LLC  
Empire Asset Management Group LLC  
Evercore Group L.L.C.  
Exane Limited  
Exotix Partners LLP  
FBN Securities  
Ferretti Group, Inc.  
Fidelity Capital Markets  
Financial Brokerage Group  
FinnCap  
**Forsyth Barr**  
Gabelli & Company, Inc.  
GFI Securities  
Goldman Sachs & Co.  
GTS  
Guggenheim Securities  
Guotai Junan Securities  
Handelsbanken  
Hartleys Limited  
Hauck Aufhäuser Lampe  
HedgeCoVest, LLC  
Howard Weil-Scotia Capital (USA), Inc.  
HSBC  
Huatai  
Instinet  
Instinet's BlockCross ATS  
Investec Bank PLC  
Investec Securities (US) LLC  
ISI Group  
J.P. Morgan Securities, LLC  
Jane Street  
Janney Montgomery Scott, LLC  
Jarden Australia Partners Pty Ltd  
Jefferies LLC  
JMP Securities LLC  
Johnson Rice & Co LLC  
Jones Trading Institutional Services  
Katz Capital  
Keefe, Bruyette & Woods, Inc.  
Kepler Cheuvreux  
KeyBanc Capital Markets  
Knight Securities  
Kotek Securities Ltd.  
Ladenburg Thalmann & Co. Inc  
Lake Street Capital Markets LLC  
Leerink Swann Inc.  
**Liberum**  
Liquidnet Europe Limited  
Liquidnet Holdings  
Livermore Trading  
Loop Capital Markets  
Louis Capital Markets UK LLP  
LPS Capital LLC  
Luminex Trading & Analytics LLC  
Macquarie Capital (Europe) Limited  
Macquarie Capital Markets Canada, Ltd.  
Macro Risk Advisors  
Makor Securities  
Mariana UFP LLP  
Maxim Group, LLC  
Mediobanca - Banca di Credito Finanziario S.p.A  
Meitav Dash  
Meridan  
Mirae Securities  
Mission Creek Capital Partners, Inc.

Mitsubishi UFJ Morgan Stanley Securities  
Mizuho Securities  
MKM Partners,LLC  
Moelis & Company  
Monness, Crespi, Hardt & Co  
Morgan Stanley  
MPS Global Securities, LLC  
MST Financial Services Pty Ltd  
National Bank of Canada Financial  
Needham & Co  
Nirvana Solutions  
Nomura Securities  
Nordea Bank Abp  
Northcoast Research Partners LLC  
Northern Trust Securities, Inc.  
Northland Securities Inc.  
Numis Securities Inc.  
ODDO BHF Securities  
Odeon Capital  
Olivetree Financial  
Oppenheimer & Co, Inc.  
Ord Minnett Security Ltd  
Oscar Gruss & Son Inc.  
Outset Global, LLP  
PAC Partners Securities Pty Ltd  
Pareto Securities AS  
PCA LLC  
Peel Hunt LLP  
Penserra Securities LLC  
Perella Weinberg Partners Group LP  
Peters & Co. Limited  
Pier 88 Investment Partners, LLC  
Piper Sandler  
PSG Capital LLC  
Puma Capital  
Quattro M Securities  
R.W.Baird  
Ravenscroft Group  
Raymond James & Associates, Inc.  
RBC  
RBS Morgans Ltd  
Redburn Atlantic  
Renaissance Securities (Cyprus) Limited  
RF Lafferty  
Rice Financial Products Company  
Rice, Voelker LLC  
Rosenblatt Securities Inc  
Roth Capital Partners  
Samsung  
San Blas Securities, LLC  
Sanford C. Bernstein & Co., LLC  
Santander Bank  
SBI Securities  
Scotiabank  
Seaport Global Securities LLC  
Shaw and Partners Limited  
Skandinaviska Enskilda Banken Securities, Inc.  
SMBC Nikko Securities Inc.  
Societe Generale  
Societe Generale London Branch  
Square Global Markets  
Stephens Inc.  
Stifel Nicholas  
Stone-X  
Strategas Securities, LLC  
Stuart Frankel  
Sunrise Brokers LLC  
SunTrust Robinson Humphrey  
Susquehanna  
SVB Leerink  
Tavira Securities  
Taylor Collison Limited

TD Securities (USA) LLC  
TFI International Securities Group, Ltd.  
The Seaport Group Europe LLP  
ThinkEquity LLC  
Tourmaline Partners LLC  
Tradition Securities and Derivatives, Inc  
Tradition, Nova Execution Services  
Trumid  
Tudor Pickering Holt  
Tullett Prebon  
UBS  
United First Partners  
Vertical Group  
Virtu Americas  
Wall Street Access  
WallachBeth Capital  
Watermill Trading  
Wedbush Securities Inc.  
Wells Fargo Securities LLC  
William Blair  
William O'Neil Securities  
Williams Trading  
Wilson HTM Limited  
Winterflood Securities Ltd.  
Wolverine Trading